



Thermosetting Insulated, Flat Twin and Flat 3 Core XLPO Sheathed Fire Resistant Cables with Circuit Protective Conductor, 300/500 V

Application

- ✓ Metro Rail, Airport, Schools, Shopping malls, Cinemas, High-rise Buildings and fire prone areas.
- ✓ Indoor and Outdoor uses.

Product Construction

- ✓ Conductor : Annealed Copper conductor, Class 1 Solid conductor.
- ✓ Insulation 1 : Glass Mica tape.
- ✓ Insulation 2 : EBXL-XLPE-120°C.
- ✓ Protective Conductor : Annealed Plain Copper.
- ✓ Outer Sheath : XLPO

Technical Data

- ✓ Temperature Range :-15°C to + 120°C
- ✓ Rated Voltage (U₀/U) : 300/500 V
- ✓ Test Voltage : 3.5kV/5 min
- ✓ Bending Radius (Min) :Upto 8 X cable OD
- ✓ Specification : BS 7211,Table - 7

Features

- ✓ Flammability : IEC 60332-1 & IEC 60332-3 Categories A, B & C
- ✓ Resistance to Fire : CWZ of BS : 6387, IEC 60331 & F-2 of BS : 7846
- ✓ Smoke Emission : IEC 61034 - 1 & 2
- ✓ Acid Gas Content : IEC 60754 -1 & 2, BS EN 50267 - 1 & 2
- ✓ **Special Features :**

- Maintains Circuit Integrity for 3 hours under fire condition.
- Zero Halogen, Low Smoke and Resistance to flame propagation.
- Siechem Fire Resistant Cable meets BS 7846 Cat F2 and meets Test requirements as per BS 6387 CWZ, at an enhanced voltage of 600/1000V.
- Siechem Fire Resistant Cable also meets 60 minute rating (PH60) to BS EN 50200 and a 30 minute rating to BS 8434-1. These tests demonstrate that Fire Resistant Cable also meets the requirements for use in "Standard" installations in accordance with BS 5839-1 : 2002 for fire detection and alarm systems, and Cables with inherently high resistance to attack by fire in accordance with BS 5266-1 : 2005 for emergency lighting.

Approvals	Accreditations	Certifications

Part Number	Number of Cores and mm ² Per Conductor	Conductor Construction	Outer Diameter in mm approx.		Weight Kg/Km approx.
			Min	Max	
7341002	2C x 1	1 X 1.13	4.1 x 7.6	5.0 x 9.1	95
7341302	2C x 1.5	1 X 1.38	4.4 x 8.1	5.3 x 9.7	111
7341602	2C x 2.5	1 X 1.77	4.9 x 9.3	6.0 x 11.2	149
7341003	3C x 1	1 X 1.13	4.1 x 10.0	5.1 x 12.1	126
7341303	3C x 1.5	1 X 1.38	4.4 x 10.7	5.3 x 12.9	149
7341603	3C x 2.5	1 X 1.77	4.9 x 12.0	6.0 x 14.6	195

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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